

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re application of:

HINDUS, et al.

Application No.: 09/847,201

Filed: May 2, 2001

For: VARIABLE BANDWIDTH
COMMUNICATION SYSTEMS AND METHODS

) Attorney Docket No.: INT1P920C1

) Examiner: Unknown

) Group Art Unit: 2613

) Date: May 13, 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with
the United States Postal Service as First Class Mail to: Commissioner for
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2005.

Signed: _____

Jennifer C. Gross

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is the Power of Attorney by Assignee and Revocation of Previous
Powers for the above-entitled matter.



Applicant(s) believe that no fee is required; however, if it is determined that such
fee is required, Applicant(s) hereby authorize the Commissioner to charge the
required fees Deposit Account No. 50-0685 (INT1P920C1).

Respectfully submitted,

Lee Van Pelt

Registration No. 38,352

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Atty. Docket No. INT1P920C1

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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Application No.: 09/847,201

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For: **VARIABLE BANDWIDTH
COMMUNICATION SYSTEMS AND METHODS**

Group Art Unit: 2613

Examiner: Unknown

Attorney Docket No. INT1P920C1

**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Interval Research Corporation ("assignee"), a Washington corporation having a place of business at 3250 Ash Street, Palo Alto, CA 94306 certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto, and understands and believes that this assignment document has been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints Lee Van Pelt, Reg. No. 38,352; Susan C. Yi, Reg. No. 39,883; and William J. James, Reg. No. 40,661 all of the law firm of Van Pelt & Yi LLP

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Please send all correspondence for this application as follows:

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4906 El Camino Real
Suite 205
Los Altos, CA 94022


Please direct any calls to Lee Van Pelt at (650) 903-3503.

Assignee of Interest:

Company Name: Interval Research Corporation
3250 Ash Street
Palo Alto, CA 94306

Date

1/22/02



Name: Michael Lee
Title: Vice President



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 06, 1999

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UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 12/17/1998

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DOC DATE: 12/17/1998

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DOC DATE: 01/06/1999

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DOC DATE: 12/16/1998

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REC'D MAY 17 1999